

ABSTRACT

[Abstract]

[Object] To provide a polyimide compound which can be
5 dissolved in a certain solvent and has high molecular
weight, and a preparation process thereof which
produces the compound by industrially advantageous
process.

[Solving Means] A polyimide compound crosslinked with
10 a polyamine which is soluble in the specific solvent is
produced by dehydration and condensation of amino acid
or salt thereof and polyamine in an organic solvent
under the presence of protonic acid. In particular, in
the case of using a polyamine having low solubility to
15 an organic solvent such as especially lysine, ornithine,
etc., reaction rate of the polymerization can be
increased by adding a polyamine in the step before or
initial polymerization because water which is contained
in the raw material or produced in the dehydration
20 reaction serves as a good solvent for the polyamine.

[Selected Figure] None